

# Chem-Impex International, Inc.

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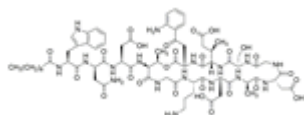
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



<b>Catalogue Number</b>	38433
<b>Product</b>	<b>Daptomycin</b>
<b>CAS Number</b>	103060-53-3
<b>Molecular Formula</b>	C <sub>72</sub> H <sub>101</sub> N <sub>17</sub> O <sub>26</sub>
<b>Molecular Weight</b>	1620.69

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<b>Appearance</b>	Pale yellow to yellow powder
<b>Clarity &amp; Color</b>	Not more turbid than No.1 standard turbidity solution. Not more intensely colored than No.7 yellow-green standard color solution
<b>Water Content (Karl Fisher)</b>	≤ 5%
<b>pH</b>	3.0 - 4.5
<b>Yeast and Mold</b>	≤ 50 cfu/g
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 17 - 25 °
<b>Infrared Spectrum</b>	Conforms to structure
<b>Residual Solvents</b>	Methanol : ≤ 3000 ppm Ethanol : ≤ 5000 ppm Ethyl Acetate : ≤ 5000 ppm
<b>Bacterial Endotoxins</b>	≤ 0.2 EU/mg
<b>Microbial Count</b>	≤ 100 cfu/g (TAMC)
<b>Related Substances</b>	Anhydro-Daptomycin : ≤ 2%, Beta Isomer-Daptomycin : ≤ 0.5%, Lactone hydrolysis : ≤ 0.5%, RS-5/6 : ≤ 1%, Ethyl-Daptomycin : ≤ 0.8%, Asp-cyclized-Daptomycin : ≤ 0.35%, Any other individual impurity : ≤ 0.15%, Total impurities : ≤ 5%
<b>Residue On Ignition</b>	≤ 0.1%
<b>Assay (anhydrous basis)</b>	95 - 102%
<b>Storage</b>	Store at < -20 °C

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**For Laboratory Use Only**